

Product datasheet

Specifications



Switch disconnector fuse, FuPacT GSD160, 160A, 3 poles, fuse type DIN NH00, front and right side control

LV481423

Price: 9,104.24 ZAR

Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSD160
Product or component type	Switch-disconnector-fuse
Device application	Equipment protection, monitoring and control Distribution
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH00
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[Ith] conventional free air thermal current	160 A (35 °C) power dissipation per fuse: 12 W
[Ithe] conventional enclosed thermal current	160 A at 35 °C, Power dissipation per fuse: 12 W
Maximum power dissipation per pole	10.4 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ie] rated operational current	AC-22A: 160 A at 220/240 V AC 50/60 Hz AC-23A: 160 A at 220/240 V AC 50/60 Hz AC-22B: 160 A at 220/240 V AC 50/60 Hz AC-23B: 160 A at 220/240 V AC 50/60 Hz AC-22A: 160 A at 380/415 V AC 50/60 Hz AC-23A: 160 A at 380/415 V AC 50/60 Hz AC-22B: 160 A at 380/415 V AC 50/60 Hz AC-23B: 160 A at 380/415 V AC 50/60 Hz AC-22A: 160 A at 660/690 V AC 50/60 Hz AC-22B: 160 A at 660/690 V AC 50/60 Hz

Complementary

[Iq] Breaking capacity with fuses (kA RMS)	80 kA at 415 V (AC) 50 kA at 690 V (AC)
Rated operational power in W	80 kW at 380/400 V 110 kW at 660/690 V
Contacts type and composition	3 NO

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Type of operating handle	Direct frontal External frontal External right side
Provision for padlocking	3 padlocks
Mounting position	Vertical
Mounting mode	Fixed
Mounting support	Backplate
Mechanical durability	10000 cycles
Electrical durability	AC-22A: 1000 cycles 415 V AC 50/60 Hz AC-23A: 1000 cycles 415 V AC 50/60 Hz AC-22A: 1000 cycles 690 V AC 50/60 Hz AC-23A: 1000 cycles 690 V AC 50/60 Hz
Connections - terminals	Power circuit: bare cable connectors20 mm² Power circuit: lugs-ring terminals50...95 mm²
Tightening torque	Power circuit: 12 N.m
Width	148 mm
Height	162 mm
Depth	116 mm
Net weight	1.8 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE CCC EAC

Environment

Electrical shock protection class	Class II front face
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Flame resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.5 cm
Package 1 Width	17.0 cm
Package 1 Length	21.0 cm
Package 1 Weight	1.84 kg
Unit Type of Package 2	S06
Number of Units in Package 2	20
Package 2 Height	73.5 cm
Package 2 Width	60 cm

Package 2 Length	80 cm
Package 2 Weight	48.5 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	210 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	201 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins